

Amendments to the Abstract

Please amend the abstract to read:

A temperature control apparatus ~~(100-400)~~ is suitable for use in devices such as consumer electronics devices having different thermal characteristics. According to an exemplary embodiment, the temperature control apparatus ~~(100-400)~~ includes a fan ~~(10)~~ having a field winding (F3) and a speed controller ~~(12)~~ for providing a speed control signal to the field winding (F3) responsive to a first control signal to control a rotating speed of the fan ~~(10)~~. First and second terminals ~~(1, 2)~~ of the fan ~~(10)~~ enable operating power to be provided to the field winding (F3) and the speed controller ~~(12)~~. At least one of the first and second terminals ~~(1, 2)~~ is operatively coupled to a first voltage source. A third terminal ~~(3)~~ of the fan ~~(10)~~ provides the first control signal to the speed controller ~~(12)~~, and is operatively coupled to a second voltage source. The temperature control apparatus ~~(100-400)~~ further includes a temperature measuring circuit ~~(30)~~ operative to measure a temperature and provide a temperature indicating signal indicating the measured temperature, a processor ~~(40)~~ operative to provide a second control signal responsive to the temperature indicating signal, and control circuitry ~~(60)~~ operative to provide the first control signal to the third terminal ~~(3)~~ of the fan ~~(10)~~ responsive to the second control signal.